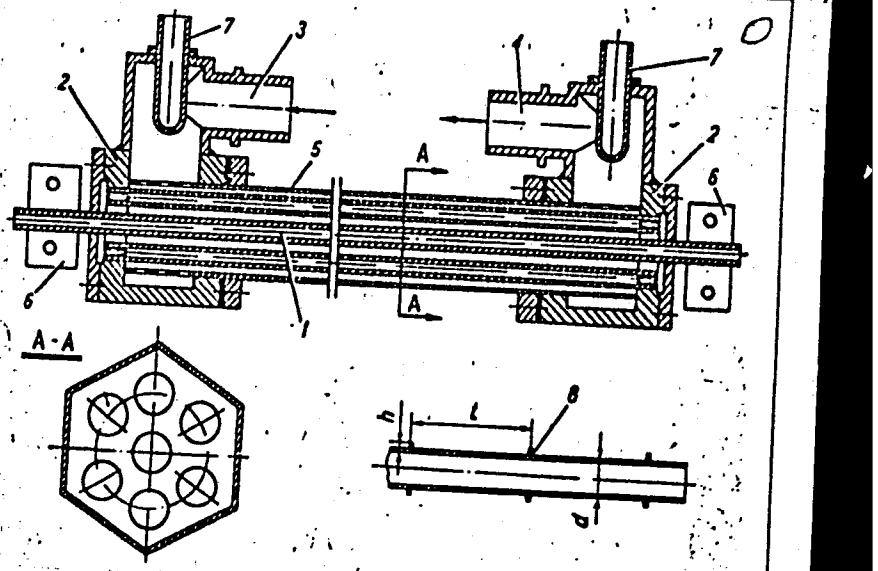
L 04648-67

ACC NR: AP6024006

Fig. 1. Experimental assembly. 1 - Heated tube, 2 - tube flange plate, 3,4 - inlet and outlet tubes, 5 - housing, 6 - current busses, 7 - thermometer well, 8 - ribs.



kh

Orig. art. has: 3 figures and 7 formulas.

SUB CODE: 20, 13/ SUBM DATE: 03Mar66/ ORIG REF: 006/ OTH REF: 003

Card 2/2

ACC NR: AP6033508 SOURCE CODE: UR/0413/66/000/018/0138/0138

INVENTOR: Makharinskiy, Ye. G.; Roginskiy, S. L.; Korobov, V. I.; Dreytser, V. I.; Pashkovskaya, M. P.

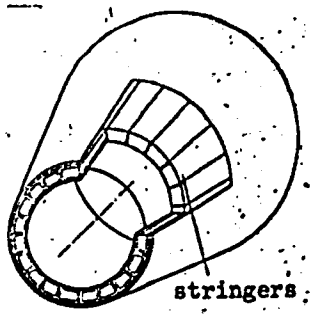
ORG: None

TITLE: A fiberglass-reinforced plastic tubular shell. Class 47, No. 186231

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 138

TOPIC TAGS: fiberglass, reinforced plastic, reinforced shell structure

ABSTRACT: This Author's Certificate introduces a fiberglass-reinforced plastic tubular shell based on Author's Certificate No. 165366. The rigidity and strength of the construction are increased and manufacture is simplified and speeded up by making the middle layer from prepressed stringers placed in close contact along the axis of the tubular shell to carry the axial load.



SUB CODE: 11, 13/ SUBM DATE: 21May65

Card 1/1 UDC: 666.173:54-161.6

KONYAYEV, K.V. (Moskva); DREYER, A.A. (Moskva)

Measurement of the two-dimensional power spectrum of waves.
Okeanologiia 5 no.6:1089-1094 '65. (MIRA 19:1)

1. Submitted February 24, 1965.

DRAYER, Georg Iosifovich; MEL'KUMOV, L.G., otvetstvennyy redaktor; ZAPRYAGAYEVA, K.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Electric equipment of multibucket excavators] Elektrooborudovanie mnogocherpakovykh ekskavatorov. Moskva, Ugletekhizdat, 1956. 218 p. (Excavating machinery) (MIRA 10:3)

ACC NR: AP6003582 JD/HW SOURCE CODE: UR/0170/66/010/001/0022/0025

AUTHOR: Mikhaylov, A. I.; Kalinin, E. K.; Dreytser, G. A. 61 B

ORG: Aviation Institute im. Sergo Ordzhonikidze, Moscow (Aviatsionnyy institut)

TITLE: Investigation of heat transfer in a longitudinal flow of air around a staggered tube bank 21,44,55 1,55

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 1, 1966, 22-25

TOPIC TAGS: convective heat transfer, gas flow, boundary layer theory, heat transfer coefficient, heat transfer

ABSTRACT: The article gives the results of an investigation of heat transfer in a longitudinal flow of air around a staggered tube bank with a relative tube spacing of s/d equal to 1.2, with heating and cooling of the air. Experimental Section No. 1 (heating) consisted of 19 tubes 11 ± 0.01 mm in diameter and with a wall thickness of 0.65 ± 0.01 mm. Heat transfer coefficients were measured in a previously determined section with a stabilized flow of air; length of the section was 800 mm. The temperature of the tube walls was measured at the beginning, in the middle, and at the end of the experimental section. The amount of heat

Card 1/2 UDC: 536.244

2

evolved in the experimental section was determined from the change in the heat content of the air. Construction of the cooling section (No.2) was analogous to that of the heating section. The experimental sections were placed vertically. In Section 1, the air flowed upwards, and in Section 2, downwards, so that in both cases the direction of free and forced convection coincided. It was found that in the turbulent region the experimental data are, on the average, 12% higher than according to the formula of Mikheyev for tubes:

$$Nu_n = 0{,}018 Re_n^{0.8}. \quad (3)$$

Treatment of the experimental data with respect to the mean temperature of the boundary layer shows that the data are, on the average, 11% higher than according to the Weisman formula:

$$Nu_f = (0{,}026 s/d - 0{,}006) Re_f^{0.8} Pr_f^{1/3}, \quad (4)$$

taking into account the dependence of heat transfer in staggered tube banks on the spacing. The experimental data for cooling, with $Re_n > 3 \times 10^4$, can be correlated by the formula:

$$Nu_n = 0{,}0206 Re_n^{0.8} \quad (5)$$

and are, on the average, 2% higher than the data for heating. Orig. art. has: 5 formulas and 2 figures. [06]

SUB CODE: 20/ SUBM DATE: 29Mar65/ ORIG REF: 004/ OTH REF: 005

ATD PRESS: 4198

Card 2/2

L 13583-66

ACC NR: AP6006071 SOURCE CODE: CZ/0053/65/014/004/0308/0308

AUTHOR: Pavek, K.; Drimal, J.; Selecky, F. V. 26 B

ORG: Institute of Pharmacology, CSAV, Bratislava (Farmakologicky ustav CSAV) 55

TITLE: Hemodynamics of the dog in unanesthetized condition and in systemic anesthesia with pentobarbital [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 308

TOPIC TAGS: cardiovascular system, dog, anesthesia, drug effect, nervous system drug, pharmacology

ABSTRACT: Very detailed measurement of cardiovascular sequence of events in trained stabilized dogs following 30 mg /Kg of pentobarbital intravenously; the myocardial depressive action of the barbiturate was studied in detail. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 HW

3(7)

SOV/50-59-2-16/25

AUTHOR: Dreyyer, A. A.

TITLE: Accelerated Method for the Evaluation of Potentiometer Tapes (Uskorennyy metod obrabotki lent potentsiometra)

PERIODICAL: Meteorologiya i gidrologiya, 1959, Nr 2, pp 53 - 54 (USSR)

ABSTRACT: On the occasion of the second voyage of the Kompleksnaya antarkticheskaya ekspeditsiya (Multi-Purpose Antarctic Expedition) the tensometrical kymograph of the Gosudarstvennyy okeanograficheskiy institut (State Oceanographic Institute) was used for the first time on the ship "Ob'" for the measurement of the waves caused by wind in the ocean. Based on the operation of the apparatus and the data obtained, a new method for the evaluation of potentiometer tapes, which is much less complicated than the usual ones, is proposed. By means of this method the determination of the height and periods of the waves is facilitated. A description of this method, which has proved its value in practice, is given. The reading accuracy is the same as with the usual method.

Card 1/1

DREYER, A.A.

Measurement of wind waves during the second voyage of the Antarctic Expedition. Meteorol.geofiz.god no.7:57-59 '59. (MIRA 13:2)
(Waves)

DREYYER, A.A.

On the bottom of the Aral Sea. Priroda 51 no.3:58-61 Mr '62. (MIRA 15:3)

1. Gosudarstvennyy okreanograficheskiy institut, Moskva.
(Aral Sea--Submarine geology)

DREYYER, A.A.

Water resources of Central Asia and Kazakhstan. Priroda 51 no.9:119 S '62. (MIRA 15:9)

1. Gosudarstvennyy okeanograficheskiy institut, Moskva.
(Soviet Central Asia—Water resources development)

ACC NR: AP7002579 (A,N) SOURCE CODE: UR/0413/66/000/023/0076/0077

INVENTORS: Konyayev, K. V.; Dreyer, A. A.

ORG: none

TITLE: Device for recording ocean swells. Class 42, No. 189163

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 76-77

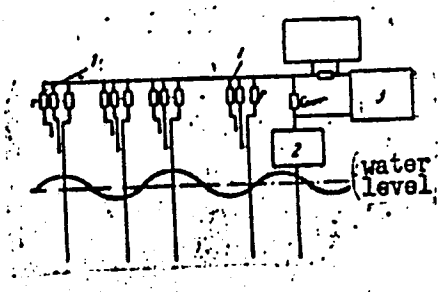
TOPIC TAGS: oceanographic instrument, electromeasuring device, phased array antenna

ABSTRACT: This Author Certificate presents a device for recording ocean swells, which contains a rotating girder mounted on a base with electric contact sensors mounted on it, connected to a power supply and a recorder. To record swells differing in direction of propagation, the contact sensors are in the form of a bundle of insulated leads. The lower bare ends of the leads are distributed uniformly in height within the limits of oscillation of the water level. The upper ends are connected through single resistors to the power supply and recorder (see Fig. 1). The leads are placed on the rotating girder so as to form a phased antenna array.

Card 1/2 UDC: 681.128.62:532.59.08

ACC NR: AP7002579

Fig. 1. 1 - electric contact sensors; 2 - power supply; 3 - recorder



Orig. art. has: 1 diagram.

SUB CODE: 08, 09/ SUBM DATE: 26Feb65

Card 2/2

ACC NR: AP7013713 SOURCE CODE: UR/0213/65/005/006/1089/1094

AUTHOR: Konyayev, K. V.; Dreyer, A. A.

ORG: none

TITLE: Measurement of the two-dimensional spectrum of waves

SOURCE: Okeanologiya, v. 5, no. 6, 1965, 1089-1094

TOPIC TAGS: ocean dynamics, oceanographic instrument, spectrum analysis

SUB CODE: 08

ABSTRACT:
The authors describe a method and apparatus which make it possible to obtain separate records of waves arriving from any specified sector of the sea surface. Having such a set of records, using well-known computation methods or spectral analysis apparatus, it is possible to obtain the two-dimensional energy spectrum of waves. If such separate records of waves are obtained periodically, it is possible to detect the principal sources of waves (storm regions), trace the development of waves and the movement of storm regions on the basis of the change in the two-dimensional spectrum. Using an analytical method such as that proposed by Munk, these data also can

Card 1/2 UDC: 551.46.086.551.466.33

0933 2179

ACC NR: AP7013713

be used in determining the distance to the strongest and most distant wave sources, that is, fully determine the coordinates of these sources. Details are given on the design of a directional system of wave sensors and special discrete contact-type wave sensors.

Orig. art. has: 3 figures and 6 formulas. [JPRS: 34,593]

Card 2/2

ACC NR: AR7004092 (N) SOURCE CODE: UR/0169/66/000/012/V006/V006

AUTHOR: Dreyer, A. A.; Kopaygorodskiy, Ye. M.

TITLE: Investigation of wind waves in a shallow sea from a movable pile base

SOURCE: Ref. zh. Geofizika, Abs. 12V39

REF SOURCE: Sb. 2-y Mezhdunar. okeanogr. kongress, 1966. Tezisy dokl. M., Nauka, 1966, 150-151

TOPIC TAGS: sea water, anemometer, ocean current, wind measurement, wind swell, shallow sea, swell energy distribution

ABSTRACT: Two types of movable pile bases were developed by the USSR Hydrometeorological Service to investigate wind shallow sea. The design and use of one movable pile base are described. It can be set up at depths of 3—7 m. The following series of wave measurements were made from such a pile base in the northern part of the Caspian Sea: 1) the wave level was measured in step at 3 points by a three-wire wave gage; 2) the directional distribution of swell energy was measured with a system of gages which are based on the principle of linear antenna-type phased arrays; the systems are based on strain pressure gages and

Card 1/2 UDC: 551.46.086

discrete contact transducers; 3) damping of deep sea waves was measured with strain gages and vibrating wire pressure gages. The wind was determined on the four horizons from 1 to 13 m above the water by electrocontact anemometers; offshore and onshore surge were determined by marigraphs, and currents were determined by BPV-2 current meters. [Translation of abstract]

SUB CODE: 08/

[NT]

Card 2/2

DREYYER, G.I.

AL'TSHULER, Z.Ye., inzh.; BASTUMSKIY, M.A., inzh.; BERSTEL', V.N., inzh.; BIRENBERG, I.E., inzh.; BOGOPOLSKIY, B.Kh., inzh.; BUKHARIN, S.I., inzh.; GERSHTEYN, B.G., inzh.; GRINSHPUN, L.V., inzh.; DREYYER, G.I., inzh.; DIMERSHTEYN, A.G., inzh.; ZLATOPOL'SKIY, D.S., inzh.; KLANYUK, A.V., inzh.; KOZIN, Yu.V., inzh.; LEVITIN, I.P., inzh.; MEL'NIKOV, L.P., inzh.; MEL'KUMOV, L.G., inzh.; MADEL', M.B., inzh.; PAVLOV, N.A., inzh.; PASLEN, D.A., inzh.; PESIN, B.Ya., inzh.; PYATKOVSKIY, P.I., inzh.; RAZNOSCHIKOV, D.V., inzh.; ROZENOYER, G.Ya., inzh.; ROZENBERG, R.L., inzh.; ROYTENBERG, N.L., inzh.; RYABINSKIY, Ya.I., inzh.; SYPCHENKO, I.I., inzh.; TARACHNIKOV, L.D., inzh.; FEL'DMAN, E.S., inzh.; SHTERAKHMAN, G.Ya., inzh.; SHTERMENGAS, N.S., inzh.; LEVITIN, I.P., otvetstvennyy red.; STEL'MAKH, A.N., red.izd-va; BEKKER, O.G., tekhn.red.

[Overall mechanization and automatization of production processes in the coal industry] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v ugol'noi promyshlennosti. Pod red. IU.V.Kozina i dr. Moskva, Ugletekhizdat, 1957. 82 p. (MIRA 11:3)

1. Gosudarstvennyy proyektno-konstruktorskiy institut. 2. Institut Giprougleavtomatizatsiya i Tekhnicheskogo Upravleniya Ministerstva ugol'noy promyshlennosti (for all except: Levitin, Stel'makh, Bekker)

(Automatic control) (Coal mining machinery)

DREYYER, K.L.

Case of double intestinal invagination caused by acute meso-adenitis. Vop.okh.mat.i det. 5 no.3:89 My-Je '60. (MIRA 13:7)

1. Iz kafedry khirurgii detskogo vozrasta (ispolnyayushchiy obyazannosti zaveduyushchego - doktor med.nauk S.Ya. Doletskiy) Leningradskogo pediatricheskogo meditsinskogo instituta (dir. - prof. N.T. Shutova).

(INTESTINES--INTUSSUSCEPTION)

BAIROV, G.A.; DREYYER, K.L.

Surgical treatment of newborn infants with teratomas of the sacrococcygeal region. Vop. okh. mat. i det. 6 no.12:55-60 D '61. (MIRA 15:3)

1. Iz kafedry khirurgii detskogo vozrasta (ispolnyayushchiy obyazannosti zaveduyushchego kafedroy doktor med.nauk G.A. Bayrov) Leningradskogo pediatricheskogo meditsinskogo instituta (rektor - dotsent Ye.P. Semenova).
(SACROCOCCYGEAL REGION--TUMORS)
(INFANTS (NEWBORN)--DISEASES)

DREYYER, K. L.

Late results of the operative treatment of myelocele. Vest. khir. no.2:62-64 '62. (MIRA 15:2)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - doktor med. nauk S. Ya. Doletskiy) Leningradskogo pediatricheskogo meditsinskogo instituta.

(SPINA BIFIDA)

DREYYER, K.L.

Teratomas of the sacrococcygeal region in children. Vest.khir. no.1:104-108'63. (MIRA 16:7)

1. Iz kafedry khirurgii detskogo vozrasta (zav.kafedroy-prof. G.A.Bairov) Leningradskogo pediatricheskogo meditsinskogo instituta.

(SACROCOCCUGEAL REGION—TUMORS) (CHILDREN—DISEASES)

DREYYER, K.L.; SUSLENNIKOVA, E.A., kand. med. nauk.

Surgical treatment of ovarian cysts in newborn infants. Pediatriia 4 no.7:68-70 Jl '63 (MIRA 16:12)

1. Iz kafedry khirurgii detskogo vozrasta (zav. -prof. G.A. Bairov) Leningradskogo pediatricheskogo meditsinskogo instituta.

DREYER, N.N.

Autumn along the Baltic rivers. Priroda 49 no.10:117-118 O '60.
(MIRA 13:10)

1. Institut geografii AN SSSR, Moskva.
(Baltic Sea region--Autumn)

L'VOVICH, M.I.; BASS, S.V.; GRIN, A.M.; DREYYER, N.N.; KUPRIYANOVA, Ye.I.

The water balance of the U.S.S.R. and prospects for its transformation. Izv. AN SSSR. Ser. geog. no.6:36-46 N-D '61. (MIRA 14:12)

1. Institut geografii AN SSSR.
(Water resources development)

DREYER, N.N.

On the Yenisey. Priroda 50 no.1:126 Ja '61. (MIRA 14:1)

1. Institut geografii AN SSSR, Moskva.
(Yenisey Valley—Ice on rivers, lakes, etc.)

DREYYER, N.N.

Floods from rain in Transbaikalia. Priroda 50 no.7:126 Jl '61.
(MIRA 14:6)

1. Institut geografii AN SSSR, Moskva.
(Transbaikalia—Floods)

GRIN, A.M.; DREYYER, N.N.; L'VOVICH, M.I., doktor geograf. nauk

Water represents the wealth of a country; water balance and its regulation. Priroda 51 [i.e. 52] no.5:36-43 '63. (MIRA 16:6)

1. Institut geografii AN SSSR, Moskva.
(Water resources development)

DREYYER, N.N.

Determining the underground component of river runoff for the evaluation of water resources. Izv. AN SSSR. Ser. geog. no.1: 36-43 Ja-F '64. (MIRA 17:3)

1. Institut geografii AN SSSR.

GOSTEV, M.M.; DRYER, O.K., redaktor; GARNIK, V.P., tekhnicheskiy redaktor

[Methodology of work in chemistry ouside the classroom] Metodika vneklassnoi raboty po khimii; VII klass. Moskva, Izd-vo Akademii pedagogicheskikh nauk RSFSR, 1954. 83 p. (MLRA 7:9)
(Chemistry--Study and teaching)

DUBYNIN, L.A.; PARMENOV, K.Ya., redaktor; DREYER, O.K., redaktor; GARNIK, V.P., tekhnicheskiy redaktor

[Chemistry laboratory in the secondary school] Khimicheskii kabinet srednei shkoly. Moskva, Izd-vo Akademii pedagog. nauk RSFSR, 1955. 161 p. (MLRA 8:7)

1. Chlen-korrespondent APN RSFSR (for Dubynin).
(Chemistry--Study and teaching)

VUL, B.M.; VONSOVSKIY, S.B.; redaktor; DRNYMR, O.K., redaktor; MAKANI, Ye.V., tekhnicheskiy redaktor.

[Seignetteelectricity] Segnetoelektichestvo. Moskva, Izd-vo Akademii nauk SSSR, 1956. 27 p. (MLRA 9:6)

1.Chlen-korrespondent AN SSSR (for Vul', Vonsovskiy).
(Ferroelectric substances)

PANOV,D.Yu.; NESMEYANOV,A.N., akademik, redaktor; DRUYAN,O.K., redaktor; ZELENKOVA,Ye.V., tekhnicheskiy redaktor

[Mechanical translation] Avtomaticheskii perevod. Moskva, Izd-vo Akademii nauk SSSR, 1956. 44 p. (MLRA 9:3)
(Translating and interpreting)

LEBEDEV,S.A., akademik; LAVRENT'YEV,M.A., akademik, redaktor; DREYYER, O.K., redaktor; SHEVCHENKO,G.N., tekhnicheskiy redaktor

[Electronic calculating machines] Elektronnye vychislitel'nye mashiny. Moskva, Izd-vo Akademii nauk SSSR, 1956. 46 p. (Electronic calculating machines) (MLRA 9:3)

DREYZEN, I. G.

USSR/Physics - Acoustics Nov/Dec 49
Sound Amplification

"Survey of Soviet Works on Sound Amplification," I. G. Dreyzen, 8 pp

"Iz. Ak. Nauk SSSR, Ser. Fiz" Vol XIII, No 6, pp666-673.

Discusses theoretical aspects of work of Soviet acousticians and engineers specializing in sound amplification (Yu. M. Sukharevskiy, N. S. Antonov, G. A. Gol'dberg, L. D. Rozenberg, I. G. Dreyzen, V. S. Grigor'yev, B. D. Tartakovskiy, B. F. Natarov, and others). Most attention given to works of Sukharevskiy, who first introduced physical interpretation of system of sound

154T79

amplification consisting of microphone, amplifying tract and one or greater number of loudspeakers in space as semi-infinite chain of radiators with gradually decreasing coefficient of inverse reaction for microphone in proportion to distance from beginning of chain.

DRAIZEN, I. G.

"The Theory of Duo-Dimensional Perception of Sound," Dok. AN, 68, No. 1, 1949, pp 57-59.

DREYZEN, I.G.

DREYZEN, I.G.

Problems of the new theory of "two-dimensional" perception of sound.
Probl.fiziol.akust. 2:82-89 '50 (MIRA 10:11)

1. Fiziologicheskiy institut im. akad. I.P.Pavlova AN SSSR.
(HEARING)

DREYZEN, I.G.

Problems of the new theory of "two-dimensional" perception of sound. Report No.2: "One-dimensional" stimulation of the auditory organ. Probl.fiziol.akust. 2:90-93 '50. (MIRA 10:11)

1. Fiziologicheskiy institut im. akad. I.P.Pavlova AN SSSR.
(HEARING)

DREYZEN, I.G.

DREIZEN, I.G.

Analytic interpretation of the curve (scale) of normal loudness. Probl.fiziol.akust., Moskva Vol.2:94-100 1950. (CLML 20:5)

1. Physiological Institute imeni Academician I.P.Pavlov of the Academy of Sciences USSR.

DREYZEN, I. G.

DREYZEN, I.G.

Quality index of radio broadcasting studios. Trudy Kom. po akust. no. 5:103-113 '50. (MLRA 7:7)
(Radiobroadcasting) (Architectoral acoustics)

DREYZEN, I. G.

USSR/Acoustics - Physiological Acoustics. Speech and Singing, J-8

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35639

Author: Dreyzen, I. G.

Institution: Physiological Institute, Academy of Sciences USSR

Title: Sensibilization of Hearing to the Reception of a Tonal Signal Under the Influence of Another Strong Tone

Original Periodical: Collection: Probl. fiziol. akustiki. 3. M-L Izd-vo AN SSSR, 1955, 117-121

Abstract: An investigation of the effect of the sensibilization of hearing under the influence of a strong tonal noise, delivered binaurally, at the same time as the signal (also tonal), as received monaurally. The sensibilization, concluding of lowering the audibility threshold of a masked signal, is estimated under the most favorable conditions of level and phase ratios on both ears to be on the order 9 db. An important accompanying parameter of the phenomenon of sensibilization is the apparent displacement of the auditory image

Card 1/2

DREYZEN, I.G.

UL'YANISHCHEV, Anatoliy Mikhaylovich, inzhener; UDAL'TSOV, A.N., glavnyy redaktor; DREYZEN, I.G., doktor tekhnicheskikh nauk, redaktor

[Model 506-A electronic millisecond timer and model 576 microsecond timer] Elektronnye millisekundomer tipa 506-A i mikrosekundomer tipa 576. Tema 1, no.I-56-405. Moskva, Akad. nauk SSSR, 1956. 18 p. [illegible]

(Time measurements)

DREYZEN, I.G.

Calculation of a sound amplification system for a closed room. Elektrosviaz' 10 no.3:32-39 Mr '56. (MIRA 9:7)
(Electroacoustics)

DREYZEN, Iosif Grigor'yevich; SAPOZHKOV, M.A., doktor tekhn. nauk, otv. red.; PETROVA, V.Ye., red.; SHEFER, G.I., tekhn. red.

[Electroacoustics and sound broadcasting] Elektroakustika i zvukovoe veshchanie. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1961. 543 p. (MIRA 15:2)
(Electroacoustics) (Radio)

FEDOROV, V.K., kand.tekhn.nauk; SHAPIRO, M.V., inzh.; DREYZEN, L.S., inzh.

Casting of ring pots and heat stabilizing treatment of compressor piston rings. Sbor.st.NIIKHIMMASH no.23:47-58 '57. (MIRA 12:5)

(Molding (Founding)) (Piston rings)

DREYZEN, V.M., inzhener.

Vat dyeing in a KB-50 apparatus. Leg.prom.17 no.3:46-47 Mr '57.
(Dyes and dyeing--Apparatus) (MLRA 10:4)

L 08912-67 EWT(m)/EWP(j)/EWP(t)/ETI IJP(c) JD/WB/RM

ACC NR: AP6023071 (A) SOURCE CODE: UR/0191/66/000/004/0063/0064

AUTHOR: Sindeyeva, L. G.; Ostrikov, M. S.; Droyzen, V. M.

ORG: none

TITLE: Anticorrosion properties of polyethelene coatings with mineral fillers

SOURCE: Plasticheskiye massy, no. 4, 1966, 63-64

TOPIC TAGS: polyethylene, PLASTIC coating, corrosion inhibitor, filler, quartz, steel

ABSTRACT: The authors have investigated the effect of marshalite, quartz, feldspar, diabase, talcum, and mica fillers used to improve the strength characteristics and rigidity of polyethylene coatings in corrosive media under abrasive conditions. Coatings of P-4004-T polyethylene with 0.94 g/cm^3 density, 0.6 g/10 min. fusion index, 0.08% ash content, and 25 wt.% filler, 400-500μ thick, were sprayed on 60 mm long, 15 mm diameter cylindrical steel specimens. The specimens were tested in 10% NaCl, 2% H_2SO_4, and 4% NaOH solutions at 20, 40, 60, and 80C. The life of the coatings was determined by measuring the electrical resistance with the aid of a teraohmmeter MOM-4 (see Table). The corrosive treatment was repeated every week. For 7 hr. the specimens were held at 80C, the rest of the time at room temperature. The life of coatings decreased as the temperature was increased. (Figure 1). An increase in the life of

Card 1/3

UDC: 678.742.2-416+678.046.36.019.24

L 08912-67

ACC NR: AP6023071

Table 1. The effect of mineral fillers on the service life of polyethelene coatings

Medium, at 80C	Service life of coating, in weeks						
	Filler						
	no filler	marshalite	quartz	feldspar	diabase	talcum	mica
2% H_2SO_4: 1 day pH=3: 6 days	8	21	20	4	7	3	3
10% NaCl: 1 day pH=10: 6 days	7	21	20	8	21	12	3
4% NaOH: 1 day pH=3: 3 days pH=10: 3 days	6	9	9	7	8	5	9

coatings can be attributed to the stress-relieving effect of the fillers. Filler-reinforced coatings, however, undergo spot corrosion due to hydrophobic and hydrophilic differences in the polyethylene and the filler. Hence, studies are being conducted as to the effect of imparting hydrophobic properties to mineral fillers on the properties of polyethylene coatings. Orig. art. has: 3 fig. and 1 table.

Card 2/3

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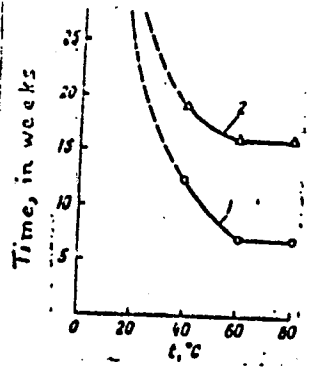

1 - polyethylene
2 - polyethylene + 25% quartz

Figure 1. Life-temperature dependence in 10%NaCl for 1 day, pH=10 for 6 days

SUB CODE: 11,13/ SUBM DATE: none/ ORIG REF: 002

Card 3/3

DREYZENSHTOK, I.B.

[Technological development in industry in Great Britain and the United States; a bibliography] Razvitie tekhniki v promyshlennosti Anglii i SShA; bibliograficheskii ukazatel'. Knizhnaia i zhurnal'naia literatura izdaniia 1945-1956 gg., postupivshaia v FBON. Moskva, 1957. 60 p. (MIRA 11:8)

1. Akademiya nauk SSSR. Fundamental'naya biblioteka obshchestvennykh nauk.

(Bibliography--Great Britain--Technology)
(Bibliography--United States--Technology)

KREYZERSHTOK, Z. B.

ca

PROCESSES AND PROPERTIES INDEX

9

Tendency of manganese steel ship plates to crack during welding. Ya. S. Gintsburg and Z. B. Dreizenshtok. *Avtogennoe Delo* 1940, No. 8-9, 12-14.—Most cracks were observed when seam direction was parallel to direction of steel rolling. Normalization decreased but did not eliminate the cracks completely. The tendency to crack increased with decreasing thickness of the welded plate. Mn steel contg. over 0.2% C and less than 6 mm. thick should not be used for welding T-joints with electrodes with chalk coatings.

B. Z. Kamich

ASA-SLA METALLURGICAL LITERATURE CLASSIFICATION

UNIVERSAL TEMPLATES FOR MECHANICAL FLAME-CUTTING. Z. B. Inoi-zenshtok. (Avtogennoe Delo, 1948, No. 2, p. 23). (In Russian). In the device described, the contour of the shape to be cut is painted on a sheet of plywood: iron strips 7 x 7 or 8 x 8 mm. are then nailed along the pattern produced to act as guides for an electromagnetic tracing device. The limited experience available has shown these templates to be satisfactory.

Immediate source clipping

DREYZENSHTOK Z. B. 181T75

USSR/Metals - Gas Cutting Dec 50

"Application of Group Master Forms for Machine Gas Cutting," Z. B. Dreyzenshtok, Engr

"Avtogen Delo" No 12, pp 22-24

Suggests method for making master forms in groups when number of parts to be cut is small and does not justify manuf of expensive all-metal formers. Master form is plywood panel 6,000 x 1,500 x 5 mm (size of rolled steel plate) on which master forms of several parts are outlined by 7 x 7 or 8 x 8 mm iron strips riveted to panel as guides for finger of gas cutter.

181T75

NAFTALENSHTOK, Z. B.

DRUYANSHTOK, Z.B.; KVACHINTSEV, S.K., inzhener, retsenzent; DEMYANTSEVICH, V.P., kandidat tekhnicheskikh nauk, redaktor

[Welding ship pipeline systems] Svarka sudovykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1953. 47 p. [Microfilm] (MLRA 7:10)
(Marine pipe fitting) (Welding)

DREYZENSHTOK, Zundel' Borisovich; KERNER, Mendel' Saulovich; DORMIDONTOV, F.K., redaktor; KONTOROVICH, A.I., tekhnicheskiy redaktor.

[Semiautomatic electric arc welding of dowels and electric plug welding] Poluavtomaticheskaia elektrodugovaia privarka shpilek i svarka elektrozaklepkami. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1955. 23 p. (MLRA 9:6)
(Electric welding)

DREYZENSHTOK, ZUNDEL' BORISOVICH

N/5
662.337
.D7

Elektrosvarshchik (The Electric Welder, by) Z. B. Dreyzenshtok, A. I. Fas' I V. L. Musso. Moskvo, Masgiz, 1956.
102 P. Illus., Diagrs., Graphs, Tables.
"Literatura": P. 101.

MEA

DERYZEMSHTOK, Z.B.; PAS', A.I.; RUSSO, V.L.; MART'YANOV, G.I., inzhener, retsenzent; KOCHERGIN, K.A., kandidat tekhnicheskikh nauk, redaktor; POL'SKAYA, R.G., tekhnicheskiy redaktor

[Electric welder] Elektrosvarshchik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 102 p. (MLRA 10:3)
(Electric welding)

DREYZENSHTOK, Z.B.

137-58-5-9926

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 150 (USSR)

AUTHORS: Matskevich, V.D., Bel'chuk, G.A., Dreyzenshtok, Z.B., Matsov, M.M.

TITLE: The Role of Welded Fabrication in the Shipyards of Leningrad (Rol' svarochnogo proizvodstva na sudostroitel'nykh zavodakh Leningrada)

PERIODICAL: V sb.: Svarochnoye proiz-vo. Leningrad, Lenizdat, 1957, pp 177-187

ABSTRACT: A brief review is presented of the development and the current state of welding fabrication at the shipyards of Leningrad. Significant successes in welding applications achieved by Leningrad shipbuilders are noted.

B.V.

1. Ships--Construction 2. Welding--Applications

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DREYZENSHTOK, Z.B.

AUTHOR: Dreyzenshtok, Z.B., Engineer 135-9-24/24

TITLE: The 8th Leningrad Summary-Session on Welding (Vos'maya Leningradskaya itogovaya sessiya po rabotam v oblasti svarki)

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 9, p 49 (USSR)

ABSTRACT: The 8th conference of Leningrad welding engineers took place from 25 to 27 March 1957. A total of 274 persons participated, 26 of whom were guests from other towns. About 70 reports were delivered on industrial and research work during 1956. The article contains a list of titles of reports along with names of persons who delivered the reports, and the organizations to which they belong.

AVAILABLE: Library of Congress

Card 1/1

DREYZENSHTOK, Zundel' Borisovich; SAGALOVICH, D.N., retsenzent; RUSSO, V.L., nauchnyy red.; KUSKOVA, A.I., red.; SHISHKOVA, L.M., tekhn.red.

[Welding and cutting in shipbuilding] Svarka i rezka v sudostroenii. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1959. 255 p. (MIRA 13:1)
(Gas welding and cutting) (Electric welding) (Shipbuilding)

S/135/60/000/009/015/015
A006/A002

AUTHOR: Dreyzenshtok, Z. B., Engineer

TITLE: The 11th Leningrad Reviewing Conference of Welding Engineers

PERIODICAL: Svarochnoye proizvodstvo, 1960, No. 9, pp. 45-47

TEXT: The ordinary 11th reviewing Conference on welding achievements during 1959 was convened in Leningrad from 15 - 18 March, 1960. The Conference was attended by 350 representatives of 80 organizations. The Conference heard 77 reports presented by 109 authors. The following reports are listed: G. L. Petrov and B. V. Kudoyarov, Candidates of Technical Sciences and A. T. Vasil'yev, Engineer, on the influence of technological factors on changes in the effect of the base metal in the weld during a manual welding process; V. L. Russo, Engineer, on the effect of ultrasonic oscillations on metal crystallization in the welding pool and the metal properties; L. V. Grishchenko, T. V. Kaletina and T. I. Sinel'nikov, Engineers, on the effect of Al, V and Nb on the properties of low-alloy weld metal; R. A. Kozlov, Engineer, on a method of determining hydrogen brittleness of built-up metal by static bending of hydrogenized specimens with sharp notches by plotting a "deflection-load" diagram; F. F. Benua, A. I.

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The 11th Leningrad Reviewing Conference of Welding Engineers

Katler, Candidates of Technical Sciences, and B. A. Kokh, Engineer, on technological methods eliminating the heat treatment of electroslag-welded structures; V. Yu. Shishkin, V. N. Savel'yev, D. I. Navrotskiy, Candidates of Technical Sciences and V. A. Makurin, Engineer, on the properties of low-alloy 15ХСНД (15KhSND), 10Г2СД (10G2SD), M, and 15ГФ (15GF) steels and their weld joints used for the construction of bridges; A. G. Makarov, Engineer, on the effect of individual components and modifying admixtures on the mechanical properties and hot cracking of the seam metal in welding naturally aging aluminum alloys; Yu. I. Shkatov, Engineer, on silicon and manganese reducing processes in automatic welding of heat-resistant steels and their effect on the seam metal brittleness; V. N. Timofeyev, Engineer, on the effect of the base metal oxygen on the mechanical properties of welded and soldered copper joints; V. N. Zemzin, Candidate of Technical Sciences, I. D. Smirnova and N. A. Yeroshkin, Engineers, on the basic trends in the work of the welding laboratory at TsKTI imeni Polzunov; A. A. Grigor'yev, Candidate of Technical Sciences, V. R. Golovchenko, Engineer and N. M. Valuyev, Technician on the technology and the equipment for mechanized argon-arc welding with unfused electrode of overlap circular pipe joints; A. A. Grigor'yev, and V. R. Abra[illegible]ich, R. Yu. Voronin

The 11th Leningrad Reviewing Conference of Welding Engineers

and V. N. Timofeyev, Engineers, on the formation of the seam in automatic argon-arc welding of stainless austenite steel pipes; B. B. Iskoz and Ye. P. Petrov, Engineers, on the introduction of semi-automatic welding in CO_2 with 0.8-1.2 mm-diameter-wire in all spatial positions; I. D. Vaynboym, Engineer, on semi-automatic arc spot welding; N. I. Isayev and A. M. Vorob'yev, Engineers, on the automatic hardfacing with a strip electrode; Yu. A. Deminskiy, Engineer, on characteristics of the automatic argon-arc welding of aluminum alloys with large-diameter electrode wire; V. N. Chulkov, Engineer, on automatic welding on a flux layer of aluminum-magnesium alloys of up to 30 mm thickness; F. I. Razduy, Candidate of Technical Sciences, V. P. Spitalov and T. A. Gorlovich, Engineers on welding of thick aluminum alloy components; I. V. Buryak, Engineer, on the technology of manual electric arc welding of aluminum-magnesium alloys with 48-A?-1 (48-AE-1) electrodes; A. I. Lebedev, Engineer, on argon-arc welding of aluminum-magnesium alloys with unfusing electrode; V. N. Savel'yev, Candidate of Technical Sciences, Chizhevskiy, S. V. Engineer, and D. I. Navrotskiy, Candidate of Technical Sciences, on the strength of weld joints in aluminum alloys of the AMg6 and AMg61 type, depending on the welding material, the number of passes and the thermal cycle; I. P. Prosyankin., Engineer, on

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The 11th Leningrad Reviewing Conference of Welding Engineers

the mechanical properties of the metal in the zone adjacent to the weld in welding aging aluminum alloys; S. A. Kuz'minov, Candidate of Technical Sciences, V. S. Mikhaylov and I. S. Fadeyev, Engineers, on deformations when welding aluminum-magnesium alloy structures; I. S. Fatiyev, Engineer on the selection of admixture materials for welding titanium alloys with σ_T = 60 - 80 kg/mm^2; V. D. Kostousov, Engineer, on manual argon-arc welding over 10 mm thick titanium; B. B. Iskoz and Ye. F. Petrov, Engineers, on experiences in argon-arc welding with unfusing electrode of BT-1-1 (VT-1-1) titanium alloy pipes; D. I. Navrotskiy and V. N. Savel'yev, Candidates of Technical Sciences, on the effect of residual stresses on the vibration strength of components with a low concentration of stress; R. Z. Manilova, Engineer, on the effect of residual stresses in assembly butts of welded double T-beams on vibration strength of the joints; Yu. L. Rubinchik, Engineer, on a new technology of assembling and welding ship hull structures; T. N. Dubova, Candidate of Technical Sciences and A. N. Goldobin, Engineer, on automatic electric-arc hardfacing in shielding gas with consumable electrode using the AHГ-700 (ANG-700) automatic machine; B. B. Iskoz and T. M. Novoselova, Engineers, on the use of automatic and semi-automatic argon-arc welding for the manufacture of light alloy tanks of 6.6 m length and

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A006/A002

The 11th Leningrad Reviewing Conference of Welding Engineers

1.8 m diameter; S. R. Frumin, Candidate of Technical Sciences, R. L. Blokh, V. V. Blagoveshchenskaya, Engineers, and D. G. Lupanov, Technician, on the investigation of KBC-19 (KVS-19) and K-11 ceramic fluxes for welding low-carbon steel; V. A. Golovobov, V. Ya. Strogova and V. V. Blagoveshchenskaya, Engineers, on the improved manufacture of thick-coated electrodes; V. D. Mironov, Engineer, on gas-cutting and air-arc shaping of high-manganese austenite steel; N. A. Litvinov, Engineer on characteristics of gas cutting titanium alloys; N. V. Kornil'yev, Engineer on experience in cutting for the manufacture of aluminum-magnesium alloy and stainless steel structures; Professor A. A.Alekseyev on the feed of resistance welding machines by special motor-generators; V. A. Knigel', Engineer, on the development of a new automatic machine for argon-arc cutting welding of a roll strip with shielding gas supply from the reverse seam side; A. L. Ryvkin, Engineer, on new experience at VNIIESO on the development of semiconductor welding rectifiers; B. V. Zhuravlev, Candidate of Technical Sciences, on a frequency converter with automatic induction control of the welding transformer, developed at VNIIESO; G. G. Yeliseyev, Engineer, on detailed characteristics of the portable АСДП-500Г (ASDP-500G) and АВДП-1000Г (AVDP-1000G) electric welding units for pipes; A. I. D'yakonov, Engineer, on a

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The 11th Leningrad Reviewing Conference of Welding Engineers

series of machines developed by the "Elektrik" Plant for welding reinforcement network; G. B. Merkin, Engineer, on the redesigning of transformers for resistance welding machines; A. Ya. Yashunskiy and Ye. N. Red'kin, Engineers, on multi-electrode resistance welding machines (MTMF) for welding the bottom of ZIL-120 trucks; I. M. Rodashkovich, Engineer, on the characteristics of a recently designed and manufactured MCTP-500 (MSGR-500) butt welding machine for rails; O. Ya Shapiro, Engineer on the MCJI-800 (MSL-800) machine produced by "Elektrik" for butt welding steel strips in continuous rolling shop lines at the metallurgical plants; B. L. Tayts, Engineer, on the equipment for aluminum-magnesium alloy welding; A. M. Kanin, Engineer, on new three-phase low-frequency machines for welding large-size work of 5 + 5 mm thick parts. The Conference heard moreover reports on welding with the electron-bundle, diffusion welding in a vacuum, plasma and gas-electric cutting of metals and alloys, butt-welding by fusing aluminum alloys and other problems of modern welding engineering.

Card 6/6

DREYZENSHTOK, Zundel' Borisovich; OKERBLOM, N.O., prof., doktor tekhn. nauk, nauchnyy red.; KAYNOV, Yu.D., retsenzent; SAGALOVICH, D.N., retsenzent; OSVENSKAYA, A.A., red.; SHISHKOVA, L.M., tekhn. red.

[Organization of the welding industry] Organizatsiia svarochnogo proizvodstva. Nauchn. red. N.O.Okerblom. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 94 p. (MIRA 14:12)
(Industrial organization) (Welding)

DREYZENSHTOK, Zundel' Borisovich; LUSHKOV, Natan Lazarevich; DEGTYAR', T.A., inzh., retsenzent; RUBINCHIK, Yu.L., inzh., retsenzent; RUSSO, V.L., nauchn. red.; KUSKOVA, A.I., red.; KOROVENKO, Yu.N., tekhn. red.

[Handbook of a welder in shipbuilding] Spravochnik svarshchika-sudostroitelia. Leningrad, Sudpromgiz, 1963. 351 p. (MIRA 17:2)

DREYZENSHTOK, Z.B.

Conference on metal welding in marine engineering. Sudostroenie 29 no.4:72-74 Ap '63. (MIRA 16:4)

1. Uchenyy sekretar' sektsii svarki TSentral'nogo pravleniya Nauchno-tekhnicheskogo obshchestva sudostroitel'noy promyshlennosti.
(Marine engineering—Congresses) (Marine engines—Welding)

ARSHANITSA, Viktor Aleksandrovich; DREYZENSHTOK, Z.B., nauchn. red.; KLIORINA, T.A., red.

[Operator of marine semiautomatic welders] Sudovoi svarshchik - poluavtomatchik. Leningrad, Sudostroenie, 1964. 114 p. (MIRA 18:2)

DREYZENSHTOK, Z.B.

Corference on welding quality control. Avtom. svar. 18 no.3: 79-80 Mr '65. (MIRA 18:6)

L 09255-67 EWT(d)/EWP(w)/EWP(v)/EWP(k)/EWP(h)/EWP(l) IJP(c) EM/WW

ACC NR: AP6029941 SOURCE CODE: UR/0413/66/000/015/0103/0103

INVENTORS: Savinskiy, Yu. E.; Sklyarov, L. P.; Dreyzin, A. I.; Lazarev, G. F. 54

ORG: none

TITLE: A stand for dynamic and strength testing of automatic pitch controls of a helicopter. Class 42, No. 184497

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 103

TOPIC TAGS: helicopter, dynamic stress, fatigue test, endurance test, vibration test, test equipment, test method, test stand

ABSTRACT: This Author Certificate presents a stand for dynamic and strength testing of automatic pitch controls of a helicopter. The stand consists of a shaft supporting the driving mechanism of automatic controls and the loading mechanism with levers for the total and the cylindrical motion. The levers are connected by tie rods to the tested automatic pitch controls. To produce the vibration spectrum (in five harmonics) by external loading, and to impart a hinge moment to the helicopter blade, similar to those encountered in actual performance, to conduct the combined fatigue and strength tests, and to simplify the construction of the stand, a revolving experimental automatic pitch control and the traverse with torsion bars are mounted on the shaft. One end of the bars is connected to the stand's automatic pitch controls, and the other end is connected through the traverse to the tested automatic pitch control.

Card 1/1 SUB CODE: 07, 13/SUBM DATE: 15Oct63 UDC: 620.178 629.139

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DREYZIN, F.

PHASE I BOOK EXPLOITATION SOV/6100

Akademiya nauk SSSR. Institut tochnoy mekhaniki i vychislitel'noy tekhniki.

Trudy (Academy of Sciences of the USSR, Institute of Precision Mechanics and Computer Technology. Transactions) no. 2. Moscow, 1961. 447 p. 1000 copies printed. Contributors not mentioned.

PURPOSE: This collection of articles is intended for scientific and technical personnel concerned with machine translation and computer technology.

COVERAGE: This collection of articles of the Institute of Precision Mechanics and Computer Technology, Academy of Sciences USSR, is the second in a series concerned with machine translation and mathematical linguistics. The collection contains reports written by members of the Machine-Translation Group of the Institute as well as reports by researchers from other organizations. The Articles deal with various problems in machine translation, such as the possibility of an intermediate language, relationships between various languages, systems of recording, structure of

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Academy of Sciences (Cont.) SOV/6100

algorithms, methods of independent analysis of a number of languages (Chinese, German, English, Russian, Rumanian, Swedish, Tartar, etc.), independent synthesis of the Russian language, some problems of binary Japanese-Russian and Chinese-Russian translation, theoretical translation problems, and problems associated with automatic recognition of speech elements and the introduction of written texts. No personalities are mentioned. There are 11 references: 2 Soviet and 9 English.

TABLE OF CONTENTS:

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DREYZIN, F.A.

Method for syntactic analysis of a simple sentence. Nauch. trudy TashGU no.208. Mat. nauki. no.23:76-81 '62. (MIRA 16:8)

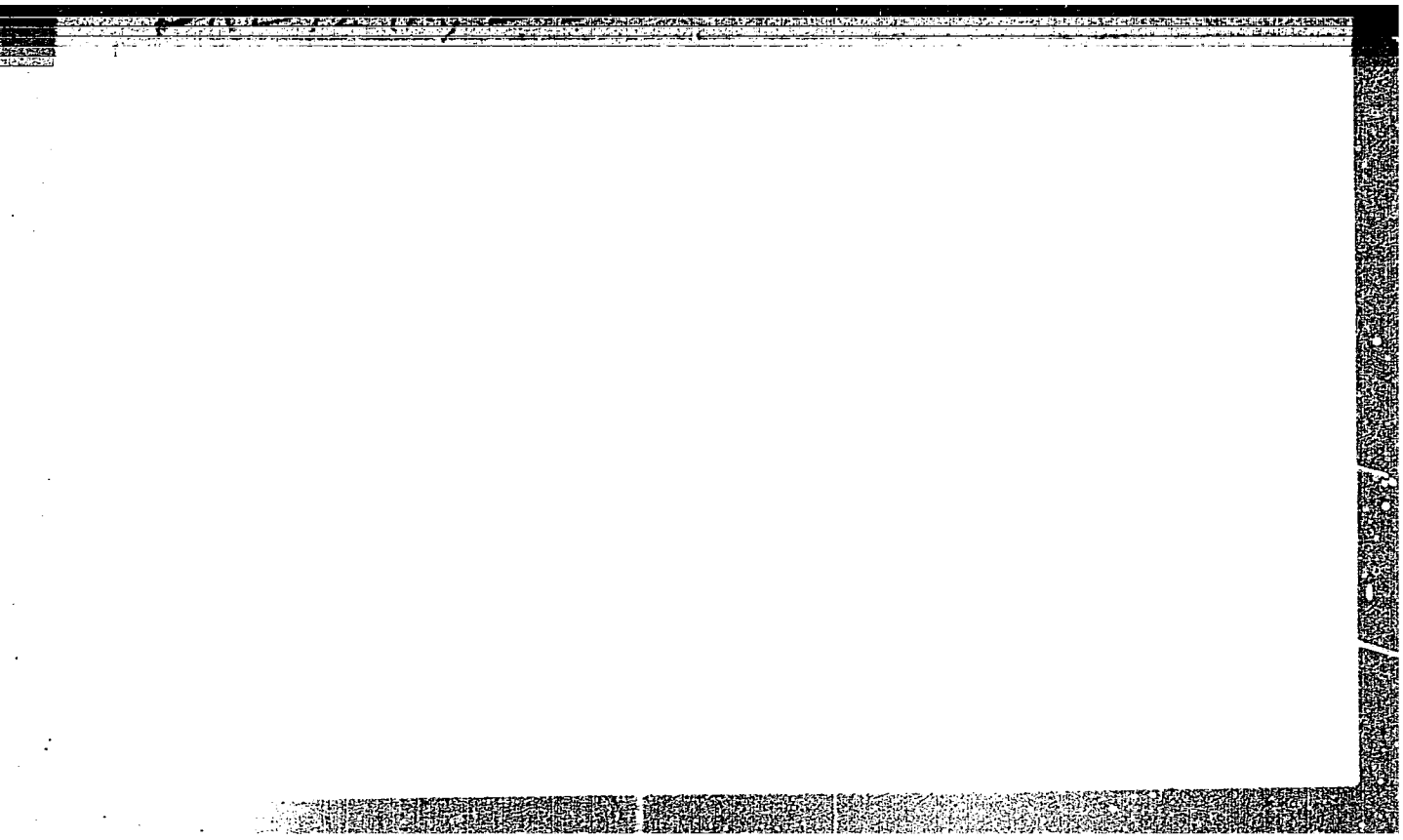
(Machine translating)

DREYZIN, F.A.

Some characteristics of the relationships between words in a sentence. Nauch. trudy TashGU no.228:33-39 '63. (MIRA 18:7)

TREYZIN, II.

42601. Sanitarnoye Obsluzhivaniye Massovykh Lyudskikh Perevozok Po Zheleznym Doro-gam V Gody Velikoy Otechestve-nony Voyny. V sb: Med.-san. Posledstviya I Meropriyatiyp Po ikh Likvidatsii T. II M. 1948 ,S 71-80



APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041121(

DREYZIN, L.S., inzhener.

Production of complicated castings. Trudy Ural. politekh. inst. no.60:112-116 '56. (MLRA 9:10)

(Machinery industry) (Die casting)

ACC NR: AP6031652 (A,N) SOURCE CODE: UR/0193/66/000/009/0019/0021

AUTHOR: Dreyzin, L. S.; Berman, G. G.; Solov'yeva, I. G.

ORG: none

TITLE: Equipment conservation with liquid inhibited coatings

SOURCE: Byulleten' tekhniko-ekonomicheskoy informatsii, no. 9, 1966, 19-21

TOPIC TAGS: PROTECTIVE COATING, EQUIPMENT PRESERVATION TECHNIQUE, corrosion, atmospheric corrosion, corrosion protection, anticorrosion agent / K 17 anticorrosion agent, K 19 anticorrosion agent

ABSTRACT: The All-Union Scientific Research Institute for Petroleum and Gas (VNIINP) has developed two compounds for long-term protection of metallic parts, components and mechanisms of high-pressure compressors from atmospheric corrosion. The compositions, designated K-17 and K-19, consist of (wt%) 2.5 ± 0.3 oxidized petrolatum, lithium hydroxide (unspecified), 1.0 ± 0.1 SK-45 synthetic rubber, 2.5 ± 0.1 TsIATIM-339 additive, 10 ± 0.5 and 2.5 ± 0.1 (for K-17 and K-19, respectively) PMS-Ya additive (alkaline calcium sulfonate), max 40 transformer oil, 2.0 ± 0.5 sodium nitrite (in K-19 only), 0.3 ± 0.01 diphenylamine, and the remainder (up to 100%)—MS-20 aviation oil. The K-17 and K-19 compositions form a thin layer (up to 0.05 mm) on a

Card 1/2 UDC: 621.197.3:621.892

ACC NR: AP6031652

metal surface. The coatings emulsify the condensing moisture, and preserve the initial protective properties, since they form emulsion with aqueous chloride and sulfide solutions. In tests, K-17 and K-19 anticorrosion coatings protected ferrous and nonferrous metal parts at 50—60C and relative humidity of up to 100%. At the present time, the Ural Compressor Plant uses K-17 and K-19 compositions for mothballing high-pressure compressors and spare parts for a period of up to three years.

SUB CODE: 11/ SUBM DATE: none/

Card 2/2

DREYZIN, M.M.

KULIYEV, A.M.; KULIYEV, R.Sh.; DREYZIN, M.M.; ANTONOVA, K.I.

Improvement of industrial naphthenic acids. Azerb.neft.khoz.36 no.2:31-34 F '57. (MLRA 10:4)

(Naphthenic acid)

DZHUVARLY, Ch.M.; KULIYEV, R.Sh.; MUKHARSKAYA, L.A.; DREYZIN, M.M.; CHIKAREVA, N.I.

Studying the possibility of producing insulating oils by adsorption refining. Azerb. nefti. khoz. 40 no. 3:35-38 Mr '61. (MIRA 14:5)
(Insulating oils)

DREYZIN, M.M.

S/081/61/000/023/048/061
B138/B101

AUTHORS: Dzhuvarly, Ch. M., Kuliyev, R. Sh., Mukharskaya, L. A., Dreyzin, M. M., Chikareva, N. I.

TITLE: Investigation of the possibility of producing transformer oil by adsorption refining

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 450, abstract 23M88 (Azerb. neft. kh-vo, no. 3, 1961, 35 - 38)

TEXT: The oils were refined by means of adsorbants, using the method developed in the VNII NP. It consists in the continuous contacting of the descending layer of the adsorbant (aluminosilicate catalyst of fractional composition 0.25 - 0.5 mm) with the ascending flow of the transformer distillate diluted with a solvent (gasoline from Surakhany selected petroleum containing 5% aromatic hydrocarbons). Analysis, according to ГОСТ 982-56 (GOST 982-56), of the adsorption-refined and also of the acid-alkaline refined oils from Baku Buzovny, Neft'yanyye Kamni, Balakhany oil and Surakhany selected crudes, showed that adsorption refining (adsorbent/crude ratio = 1:1.5) gives greater stability than

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the acid-alkaline method and makes possible the production of high grade oils from tarry crudes. Adsorption-refined oils have very good electrical properties: low tanδ value and high electric strength. The replacement of the old acid-alkaline by the new adsorption method of refining transformer oils will mean that a greater supply of crude is available, the operating properties of the oils will be improved and the service period in the transformers will be extended. [Abstracter's note: Complete translation.]

KULIYEV, R.Sh.; DREYZIN, M.M.; MUSAYEV, G.T.; CHIKAREVA, N.I.; KRYLOV, L.P.

Production of insulating oils from Baku crudes by adsorption refining. Khim.i tekh.topl.i masel 7 no.4:15-21 Ap '62. (MIRA 15:4)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.
(Baku—Insulating oils) (Adsorption)

34617
S/065/62/000/003/003/004
E075/E135

11.9100

AUTHORS: Kuliyev, R.Sh., Dreyzin, M.M., Kevorkova, I.S., and Chikareva, N.I.

TITLE: About the process of second distillation in the production of oils

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.3, 1962, 23-26

TEXT: The authors give comparative data on the preparation of turbine oils of Л (L) and Т (T) quality (ГОСТ 32-53) (GOST 32-53) with and without the application of the process of second distillation. The oils were obtained by the second distillation of the oil distillate boiling in the range 420-480 °C and constituting 10.7% of the crude (Volgograd crude). The distillate was subjected to furfural extraction (150, 220 and 300% furfural) dewaxing at -30 °C and 5% clay treatment. To reach L and T quality levels at least 220% furfural treatment and additions of antioxidants were necessary. The oils were also prepared from suitable distillate fractions without the second distillation. It was shown that the quality of turbine

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About the process of second ... S/065/62/000/003/003/004
E075/E135

oil T obtained by solvent extraction with 100% furfural corresponds to all GOST requirements. It had satisfactory oxidation stability, even without oxidation inhibitors, and was better than the analogous oil produced by the second distillation and 220% solvent extraction. Moreover, the yield of the oil produced without the second distillation was higher than that for the latter oil. The authors found also that there is no rational justification for the process of second distillation in the production of turbine oils from the oil fraction of Balakhany crude.
There are 3 tables.

ASSOCIATION: INKhP AN Azerb.SSR (INKhP AS Azerb. SSR)

Card 2/2

S/065/62/000/004/002/004
E075/E136

AUTHORS: Kuliyev, R.Sh., Drayzin, M.M., Musayev, G.T., Chikareva, N.I., and Krylov, L.P.

TITLE: Production of electrical oils from Baku crudes by the method of adsorptional refining

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.4, 1962, 15-21

TEXT: The authors describe a method for the production of transformer oils by the method of adsorptional refining. The experiments with a continuous adsorptional refining were carried out in a laboratory apparatus designed by VNII NP. Granulated alumino-silicate catalyst was used as the adsorbent and a benzine fraction (b.pt. 100-150 °C) containing 4.8% aromatic hydrocarbons, used as a solvent. Transformer oil distillates were diluted with 1.2 parts by weight of the solvent. Using this method it was shown that the yield of the refined product was 90-92% in place of 80-82% for an acid-alkaline refining process. The transformer oils after the adsorptional refining are more stable than the acid refined oils. The distillates

Card 1/2

DREYZIN, R. L.

USSR/Meteors May 1947

"Concerning the Fall of the Stone Meteor in Krimka in the Ukraine," R. L. Dreizin

"Doklady Akademii Nauk SSSR" Vol LVI, No 5

9T43

DMSYZIN, R. L.

Meteorites

Meteorites as one of the factors in the formation of the earth's relief. Meteoritika No. 10, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

DREYZIN, R.L.

Results of studying conditions of the fall of Krymka stone-meteorite shower. Meteoritika no.16:105-107 '58. (MIRA 11:8)
(Meteorites)

DREYZIN, R.S.

"The Study of the Conditions of Adsorption of the Influenza Virus by Erthrocytes and of Its Elution,"

Problema Grippa i Ostrykh Katarrov Verkhnikh Dykhatel'nykh Putey, Moscow, 1952, pp 38, 39.

"Questions of Experimental Study of Therapeutic and Prophylactic Effectiveness of Antibiotics and Other Preparations in Cases of Influenza Infection,"

Problema Grippa i Ostrykh Katarrov Verkhnikh Dykhatel'nykh Putey, Moscow, 1952, pp 84,85.

With ORLOVA, N.N.; BERLYAND, M.A.

"Concerning the Laboratory Diagnosis of Influenza and Application of the Diagnosis in the Practical Laboratory,"

Problema Grippa i Ostrykh Katarrov Verkhnikh Dykhatel'nykh Putey, Moscow, 1952, pp 15-16.

With SMORODINTSEV, A.A.

"Antigenic Properties of the Substances of Erthrocytes Which Are Effective in the Fixation of the Influenza Virus,"

Problema i Ostrykh Katarrov Verkhnikh Dykhatel'nykh Putey, Moscow, 1952, p. 39.

DREYZIN, R.S.

SMORODINTSEV, A.A.; DREYZIN, R.S.

Biological and antigenic properties of substances fixing influenza viruses on the erythrocytes. Trudy AMN SSSR 28:59-82 '53. (MLRA 7:8)

1. Iz Otdela virusologii Instituta eksperimental'noy meditsiny AMN SSSR.

(INFLUENZA VIRUSES,
fixation on erythrocytes, biol. & natigenic properties of fixing substances)
(ERYTHROCYTES,
fixation of influenza viruses, biol. & antigenic properties of fixing substances)

DREYZIN, R.S.

DREYZIN, R.S.

Preparation of concentrated and purified influenza virus cultures using the method of elution of formaldehyde-treated erythrocytes. Trudy AMN SSSR 28:82-90 '53. (MLRA 7:8)

1. Iz Otdela virusologii Instituta eksperimental'noy meditsiny AMN SSSR.

(INFLUENZA VIRUSES, culture,
concentrated & purified cultures from elution of formaldehyde-treated erythrocytes)
(ERYTHROCYTES,
isolation of concentrated & purified influenza virus culture from formaldehyde-treated erythrocytes)
(FORMALDEHYDE,
isolation of concentrated & purified influenza virus cultures from formaldehyde-treated erythrocytes)

DREYZIN, R.S.

DREYZIN, R.S.

Interaction of influenza virus and sensitive erythrocytes in the presence of specific antibodies. Trudy AMN SSSR 28:198-209 '53. (MLRA 7:8)

1. Iz Otdela virusologii Instituta eksperimental'noy meditsiny AMN SSSR.

(INFLUENZA VIRUSES,
reaction with erythrocytes in presence of specific antibodies)
(ERYTHROCYTES,
reaction with influenza viruses in presence of specific antibodies)
(ANTIGENS AND ANTIBODIES,
reaction of influenza viruses with erythrocytes in presence of specific antibodies)

Dreyzin R.S.

USSR/Medicine - Influenza FD-1632

Card 1/1 : Pub. 148-12/28

Author : Dreyzin, R. S.

Title : The method of investigating the effectiveness of various preparations on an experimental influenza model

Periodical : Zhur. mikro, epid. i immun. 7, 49, Jul 1954

Abstract : A method of evaluating the effectiveness of various antibiotics and chemicotherapeutic agents against influenza virus in infected white mice and chicken embryoes is described. Results in the infected models are compared with those in control models. The infecting process is also described. No references are cited.

Institution : Laboratory of Specific Prophylaxis and Chemicotherapy of Influenza (Head-Prof. A. A. Smorodintsev) of the Institute of Virology imeni Ivanovskiy (Dir.-Prof. M. P. Chumakov)

Submitted : December 11, 1953

DREYZIN, R.S.

Isolation of latent adenoviruses [with summary in English] Vop. virus. 2 no.1:29-33 Ja-F '57 (MLRA 10:5)

1. Institut virusologii AMN SSSR, Moskva.
(VIRUSES
adenoviruses, isolation technic) (Rus)